

<b>L Number</b>	<b>Hits</b>	<b>Search Text</b>	<b>DB</b>	<b>Time stamp</b>
-	10	"longest prefix match" with (route or look-up)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/07/30 09:51
-	2	trie adj table and prefix adj match	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/07/30 11:07
-	83	(search\$3 with destination adj address) and table with tree	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/07/30 11:10
-	52	((search\$3 with destination adj address) and table with tree) and parallel	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/07/30 11:13
-	25	((search\$3 with destination adj address) and table with tree) and parallel with (travers\$4 or search\$3 or look adj up)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/07/30 11:15
-	75	709/\$.ccls. and 370/\$.ccls. and 707/\$.ccls.	USPAT; US-PGPUB	2003/07/30 11:57
-	13	709/238-244.ccls. and 370/\$.ccls. and 707/\$.ccls.	USPAT; US-PGPUB	2003/07/30 12:00
-	169	(709/238-244.ccls. or 370/389-427.ccls.) and 707/\$.ccls.	USPAT; US-PGPUB	2003/07/30 12:01
-	138	(709/238-244.ccls. or 370/389-427.ccls.) and 707/1-10,100.ccls.	USPAT; US-PGPUB	2003/07/30 12:05
-	12	((709/238-244.ccls. or 370/389-427.ccls.) and 707/1-10,100.ccls.) and (prefix near5 match\$3)	USPAT; US-PGPUB	2003/07/30 12:14
-	0	31:16 with bit with ip adj address	USPAT; US-PGPUB	2003/07/30 12:14
-	1	64k with bit with ip adj address	USPAT; US-PGPUB	2003/07/30 12:15
-	8	("5412654"   "5842224"   "5870739"   "5946679"   "6011795"   "6014659"   "6052683"   "6061712").PN.	USPAT	2003/07/30 12:32
-	10	6192051.URPN.	USPAT	2003/07/30 12:22
-	1	6308219.URPN.	USPAT	2003/07/30 12:25

-	210	("Re33900"   "4131767"   "4161719"   "4316284"   "4397020"   "4419728"   "4424565"   "4437087"   "4438511"   "4439763"   "4445213"   "4446555"   "4456957"   "4464658"   "4499576"   "4506358"   "4507760"   "4532626"   "4644532"   "4646287"   "4677423"   "4679189"   "4679227"   "4723267"   "4731816"   "4750136"   "4757495"   "4763191"   "4769810"   "4769811"   "4771425"   "4819228"   "4827411"   "4833706"   "4835737"   "4879551"   "4893306"   "4903261"   "4922486"   "4933937"   "4960310"   "4962497"   "4962532"   "4965767"   "4965772"   "4970678"   "4979118"   "4980897"   "4991169"   "5003595"   "5014265"   "5020058"   "5033076"   "5034919"   "5054034"   "5059925"   "5072449"   "5088032"   "5095480"   "5115431"   "5128945"   "5136580"   "5166930"   "5199049"   "5206886"   "5208811"   "5212686"   "5224099"   "5226120"   "5228062"   "5229994"   "5237564"   "5241682"   "5243342"   "5243596"   "5247516"   "5249178"   "5253251"   "5255291"   "5260933"   "5260978"   "5268592"   "5268900"   "5271004"   "5274631"   "5274635"   "5274643"   "5280470"   "5280480"   "5280500"   "5283783"   "5287103"   "5287453"   "5291482"   "5305311"   "5307343"   "5309437"   "5311509"   "5313454"   "5313582"   "5317562"   "5319644"   "5327421"   "5331637"   "5345445"   "5345446"   "5359592"   "5361250"   "5361256"   "5361259"   "5365524"   "5367517"   "5371852"   "5386413"   "5386567"   "5390170"   "5390175"   "5394394"   "5394402"   "5400325"   "5408469"   "5416842"   "5422880"   "5422882"   "5423002"   "5426636"   "5428607"   "5430715"   "5430729"   "5442457"   "5442630"   "5452297"   "5473599"   "5473607"   "5477541"   "5485455"   "5490140"   "5490258"   "5491687"   "5491804"   "5497368"   "5497478"   "5504747"   "5509006"   "5517494"   "5519704"   "5519858"   "5526489"   "5530963"   "5535195"   "5539734"   "5541911"   "5546370"   "5546390"   "5555244"   "5561669"   "5583862"   "5592470"   "5598581"   "5600798"   "5602770"   "5604868"   "5608726"   "5617417"   "5617421"   "5630125"   "5634908"   "5632021"   "5634010"   "5638359"   "5644718"	USPAT	2003/07/30 12:26
Search History 7/30/03 7:27:54 AM Page 2 C:\APPS\EAST\Workspaces\09608354\WSP 5634010   5638359   5644718				

-	0	tree near3 table and route near pointer and trie near pointer and mask and "route entry pointer"	USPAT; US-PGPUB	2003/07/30 12:33
-	0	tree near3 table and route near pointer and trie near pointer and mask	USPAT; US-PGPUB	2003/07/30 12:33
-	31	tree near3 table and route and pointer and (trie or tree) and mask and entry near2 (pointer or route)	USPAT; US-PGPUB	2003/07/30 12:34
-	10	tree near3 table and route near3 pointer and (trie or tree) and mask and entry near2 (pointer or route)	USPAT; US-PGPUB	2003/07/30 12:35
-	1	tree near3 table and route near3 pointer and (trie or tree) near3 pointer and mask and entry near2 (pointer or route)	USPAT; US-PGPUB	2003/07/30 12:35
-	2	tree near3 table and route near3 pointer and (trie or tree or leaf or branch) near3 pointer and mask and entry near2 (pointer or route)	USPAT; US-PGPUB	2003/07/30 12:35
-	174	"longest prefix match"	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/07/30 15:41
-	14	"longest prefix match" and two with (trie or tree) with table	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/07/30 16:31
-	6	"6192051" and parallel	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/07/30 16:32
-	237	(search\$4 with (tree or trie or table) with parallel)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/07/30 16:34
-	61	(search\$4 near3 (tree or trie or table) near3 parallel)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/07/30 16:34
-	0	((search\$4 near3 (tree or trie or table) near3 parallel) ) same (address or ip) near2 (lookup or look-up or looking adj up)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/07/30 16:35
-	11	((search\$4 near3 (tree or trie or table) near3 parallel) ) and (address or ip) near2 (lookup or look-up or looking adj up)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/07/30 16:35

-	7	((search\$4 near3 (tree or trie or table) near3 parallel) ) and (address or ip) near2 (lookup or look-up or looking adj up)) and (prefix near5 match)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/07/30 17:24
-	1	6539369.pn. and pointer	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/07/30 17:25
-	1	6539369.pn. and pointer and destination	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/07/30 17:30
-	0	6539369.pn. and [23:16]	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/07/30 17:30
-	0	6539369.pn. and 23:16	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/07/30 17:33
-	2	6539369.pn. and match	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/07/30 17:35
-	0	6539369.pn. and fail	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/07/30 17:43
-	1	6539369.pn. and mask\$3 and pointer	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/07/30 17:58
-	0	"longest prefix match" and "hidden prefix"	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/07/30 17:58
-	0	"prefix match" and "hidden prefix" and routing	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/07/30 17:58

	<b>L #</b>	<b>Hits</b>	<b>Search Text</b>	<b>DBs</b>
<b>1</b>	<b>L1</b>	<b>174</b>	<b>"longest prefix match"</b>	<b>USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB</b>
<b>2</b>	<b>L2</b>	<b>10</b>	<b>1 with (route or look-up)</b>	<b>USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB</b>
<b>3</b>	<b>L3</b>	<b>2</b>	<b>trie adj table and prefix adj match</b>	<b>USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB</b>
<b>4</b>	<b>L4</b>	<b>83</b>	<b>(search\$3 with destination adj address) and table with tree</b>	<b>USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB</b>
<b>5</b>	<b>L5</b>	<b>52</b>	<b>4 and parallel</b>	<b>USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB</b>
<b>6</b>	<b>L6</b>	<b>25</b>	<b>4 and parallel with (travers\$4 or search\$3 or look adj up)</b>	<b>USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB</b>

Google Search:

"longest prefix match" lookup parallel pointer router tree mask

"architecture block diagram" "longest prefix match" lookup parallel pointer router tree mask

search prefix "destination address" tree table parallel root entry match

search "destination address" tree parallel root entry "prefix match" 64k

"parallel table lookup" "ip address"

IEEE

parallel <near/6> (trie or tree or table) <near/3> (lookup or search)

ProQuest

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parallel w/6 (trie or tree or table) w/3 (lookup or search)

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parallel and table and (tree or trie) and (lookup or look-up) and "ip address"